

Atty. Dkt. No. 200311470-1

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An apparatus for handling print media, the apparatus comprising:

a support;

at least three cups mounted on the support, each of the three cups having a distal surface for contacting the print media;

the distal surfaces of two of the three cups lying in a first plane and the distal surface of the other of the three suction cups lying in a second plane, wherein the first and second planes are offset from each other;

a conveyor adjacent to the cups for transferring the print media from the cups to a print engine.

2. (Original) The apparatus of claim 1, wherein the support further comprises a rotatable member.

3. (Cancelled)

4. (Original) The apparatus of claim 1, wherein the support is configured to rotate about an axis, at least two of the cups being disposed different distances from the axis.

5. (Original) The apparatus of claim 1, further comprising:

a print engine;

a drum for advancing the print media from the print engine to the cups.

6. (Currently Amended) An apparatus for handling print media, the apparatus comprising:

Atty. Dkt. No. 200311470-1

a support;

at least three cups mounted on the support, each of the three cups having a distal surface for contacting the print media;

the distal surfaces of two of the three cups lying in a first plane and the distal surface of the other of the three suction cups lying in a second plane, wherein the first and second planes are offset from each other;

~~The apparatus of claim 1,~~ wherein four cups are mounted on the support and are arranged in a line with middle cups being in the first plane and outer cups being in the second plane.

7. (Currently Amended) An assembly for handling sheet material, the assembly comprising:

a rotor having an axis of rotation;

coupling members mounted on the rotor for adhering sheet material to the coupling members by suction;

wherein at least one of the coupling members is disposed a first distance from the axis of rotation and another of the coupling members is disposed a second distance from the axis of rotation, the first and second distances being different;

a support having at least three cups mounted thereto, the cups being adjacent to the coupling members for receiving sheet material from the coupling members.

8. (Original) The assembly of claim 7, wherein the coupling members comprise at least three coupling members arranged in a line.

9. (Original) The assembly of claim 7, wherein the coupling members comprise suction cups coupled to a vacuum source.

10. (Currently Amended) An assembly for handling sheet material, the assembly comprising:

a rotor having an axis of rotation;

Atty. Dkt. No. 200311470-1

coupling members mounted on the rotor for adhering sheet material to the coupling members by suction;

wherein at least one of the coupling members is disposed a first distance from the axis of rotation and another of the coupling members is disposed a second distance from the axis of rotation, the first and second distances being different.
~~The assembly of claim 7, wherein the coupling members comprise first and second sets of coupling members configured to rotate independently.~~

11. (Cancelled)

12. (Currently Amended) An assembly for handling sheet material, the assembly comprising:

a rotor having an axis of rotation;

coupling members mounted on the rotor for adhering sheet material to the coupling members by suction;

wherein at least one of the coupling members is disposed a first distance from the axis of rotation and another of the coupling members is disposed a second distance from the axis of rotation, the first and second distances being different;
~~The assembly of claim 7, further comprising a drum positioned adjacent to the cups for delivering sheet material to the cups, the drum having a gripper disposed thereon for selectively maintaining the sheet material on the drum.~~

13. (Currently Amended) An imaging device comprising:

a print engine for forming an image on ~~a~~ the medium;

suction members arranged in a line, each suction member configured to rotate about an axis of rotation and to adhere to the medium after the print imaging engine has formed an image on the medium;

the suction members being disposed different distances from the axis of rotation and configured to corrugate at least a section of the medium when the medium is adhered to the suction members.

Atty. Dkt. No. 200311470-1

14. (Original) The imaging device of claim 13, wherein the suction members comprise at least three suction members with a middle one of the suction members being disposed a first distance from the axis of rotation and other ones of the suction members being disposed a second distance from the axis of rotation, the first and second distances being different.

15. (Original) The imaging device of claim 13, wherein the suction members comprise at least four suction members with middle ones of the suction members being disposed a first distance from the axis of rotation and other ones of the suction members being disposed a second distance from the axis of rotation, the first and second distances being different.

16. (Original) The imaging device according to claim 13, wherein the imaging engine comprises a liquid electrophotography print engine.

17. (Cancelled)

18. (Currently Amended) A digital imaging press, comprising:
a liquid electrophotography print engine;
a drum for advancing media relative to the print engine;
suction cups configured to rotate about an axis of rotation for adhering to and
picking the media from the drum, at least one of the suction cups being disposed
farther from the axis of rotation than at least one of the other suction cups such that
the media is at least partially corrugated in a direction transverse to a direction of
travel at the suction cups;
~~The digital imaging press of claim 17, wherein the suction cups comprise first and~~
second sets of suction cups, the first set of suction cups being rotatable
independently from the second set of suction cups.

19. (Original) A method for handling print media, the method comprising:

Atty. Dkt. No. 200311470-1

gripping a sheet of print media at different locations of the print media, the different locations being disposed along a line orthogonal to a direction of movement of the print media such that the sheet of print media has a corrugated cross-section along the line orthogonal to a direction of movement;

rotating the print media about an axis, at least two of the different locations being different distances from the axis.

20. (Original) A system for handling print media, the system comprising:

means for gripping a sheet of print media at different locations of the print media, the different locations being disposed along a line orthogonal to a direction of movement of the print media such that the sheet of print media has a corrugated cross-section along the line orthogonal to a direction of movement;

means for rotating the print media about an axis such that at least two of the different locations are different distances from the axis.

21. (Original) An imaging device, comprising:

means for forming an image on a medium;

means for corrugating the medium such that the medium has a corrugated cross-section in a direction transverse to a direction of travel.